

Re: Fw: Woodbrook Road, key revised SLERA text

Mindy Pensak

to:

Diane Salkie

01/13/2012 09:00 PM

Hide Details

From: Mindy Pensak/R2/USEPA/US

To: Diane Salkie/R2/USEPA/US@EPA

History: This message has been replied to.

2 Attachments



Image.1326506401980.jpg Image.1326506401981.jpg

Hi Diane,

Can we talk Wednesday morning? I will be in the office.

Thank you

Mindy

-----Diane Salkie/R2/USEPA/US wrote: -----

To: Mindy Pensak/R2/USEPA/US@EPA
From: Diane Salkie/R2/USEPA/US
Date: 01/13/2012 03:41PM
Subject: Re: Fw: Woodbrook Road, key revised SLERA text

Hey Mindy

We have yet another CAG meeting next Wednesday night and I know TRC is going to ask where we are on this. Maybe we can talk on Tuesday or Wednesday about your thoughts on their responses?

Thanks,

Diane Salkie
Remedial Project Manager
EPA Region 2 NJRB
290 Broadway
New York, NY 10007
212-637-4370

▼ Diane Salkie---12/29/2011 08:14:33 AM---Hey Mindy Perhaps we can discuss their response sometime next week?

From: Diane Salkie/R2/USEPA/US
To: Mindy Pensak/R2/USEPA/US@EPA
Date: 12/29/2011 08:14 AM
Subject: Fw: Woodbrook Road, key revised SLERA text

Hey Mindy

Perhaps we can discuss their response sometime next week?

Thanks, Happy New Year!

Diane Salkie
Remedial Project Manager
EPA Region 2 NJRB
290 Broadway
New York, NY 10007
212-637-4370

----- Forwarded by Diane Salkie/R2/USEPA/US on 12/29/2011 08:13 AM -----

From: John Prince/R2/USEPA/US
To: Diane Salkie/R2/USEPA/US@EPA
Date: 12/28/2011 09:57 AM
Subject: Fw: Woodbrook Road, key revised SLERA text

You'll talk with Mindy and get back with him?

----- Forwarded by John Prince/R2/USEPA/US on 12/28/2011 09:56 AM -----

From: "Heim, Scott (Lowell,MA-US)" <SHeim@trcsolutions.com>
To: John Prince/R2/USEPA/US@EPA, "Hansen, Patrick (Philadelphia, PA-US)" <PHansen@trcsolutions.com>
Cc: "Goeller, Arthur (Millburn,NJ-US)" <AGoeller@trcsolutions.com>, Diane Salkie/R2/USEPA/US@EPA
Date: 12/27/2011 09:45 AM
Subject: RE: FW: Woodbrook Road, key revised SLERA text

Hi John,

The simplest (and I believe only) equation to calculate the PRG is to divide the mean UCL soil or sediment concentration by the MATC HQ that was calculated in the SLERA. For example, the

mallard MATC HQ in the Western Pond for the mean UCL total PCB concentration (3.554 mg/kg) was calculated to be 1.47. Dividing 3.554 by 1.47 gives a sediment PRG in the Western Pond = 2.42 mg/kg. I believe Mindy wasn't fond of this approach when it was initially presented in the Crown Vantage eco-risk assessment. However, if she is ok with this equation for Woodbrook Road then we'll provide this in the revised SLERA.

Happy Holidays everyone.

Scott Heim
Senior Ecologist



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From: John Prince [<mailto:Prince.John@epamail.epa.gov>]
Sent: Friday, December 23, 2011 1:03 PM
To: Hansen, Patrick (Philadelphia, PA-US)
Cc: Goeller, Arthur (Millburn,NJ-US); Diane Salkie; Heim, Scott (Lowell,MA-US)
Subject: Re: FW: Woodbrook Road, key revised SLERA text

Best wishes in this holiday season to all.

Scott and PJ, I understand the process described below, but it is a calculation at the end of the day. I know that we will want to have a summary of the calculation method that resulted in the values you included - some time early in the new year, please write it up in a format that transparently explains what you did. Needn't be any more detailed than it has to be, as long as we can follow it.

From: "Hansen, Patrick (Philadelphia, PA-US)" <PHansen@trcsolutions.com>
To: Diane Salkie/R2/USEPA/US@EPA, John Prince/R2/USEPA/US@EPA
Cc: "Heim, Scott (Lowell,MA-US)" <SHeim@trcsolutions.com>, "Goeller, Arthur (Millburn,NJ-US)" <AGoeller@trcsolutions.com>
Date: 12/23/2011 08:18 AM
Subject: FW: FW: Woodbrook Road, key revised SLERA text

Diane and John,

Thanks for furthering the SLERA work via discussions with your group!

In response to your email inquiry, please find attached the tables that you recommended.

As our eco risk assessor notes below, there is no table for the back-calculation of the PRGs, since these calcs were accomplished by "trial and error". This is discussed in the text somewhat, but, basically, Scott would iteratively adjust values in the table until the risk resulted in the appropriate number.

Please let us know if you have further questions, or would like to discuss the project.

Happy holidays!

PJ

From: Heim, Scott (Lowell,MA-US)

Sent: Thursday, December 22, 2011 5:18 PM

To: Hansen, Patrick (Philadelphia, PA-US); Goeller, Arthur (Millburn,NJ-US)

Subject: RE: FW: Woodbrook Road, key revised SLERA text

PJ,

Enclosed are the requested tables (6-13, 6-14 and 6-16 thru 6-18). Note that there isn't a table that shows the back calculations to derive the values provided in Tables 7-2 and 7-3. As indicated in the text, values for sediment total PCB concentrations were substituted into tables 6-13 and 6-14 to calculate aquatic invertebrate and fish PCB congener concentrations. These values (and the sediment values) were then copied into the individual receptor tables (6-16 thru 6-18) to present an overall total PCB congener exposure dose. If this dose was higher than the TRV, then a lower total PCB sediment concentration was selected and the process repeated. An additional complication is that the ratio of individual PCB/dioxin/furan congeners to total PCBs was used to calculate the individual congener sediment concentrations. Tables 6-13 and 6-14 provide these ratios (hidden column B). To change the sediment concentrations, the number multiplied by column B is changed each time in the column C equation. There is no formula that a non-mathematician such as myself could create that would provide an easy computation. It is strictly a trial-and-error approach. This same approach was taken for the Western Dumping Area surface soils. EPA didn't request the tables used to calculate the soil PRGs but I can provide if requested.

I've also enclosed figures depicting the samples where total PCBs were detected above the PRGs for the Western Pond and Western Dumping Area. The Western Dumping Area remediation areas also include samples where other COPECs were detected above PRGs.

I will be back in the office next Tuesday if you wish to discuss or clarify. Have a nice, long, holiday weekend.

Scott Heim
Senior Ecologist



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From: Diane Salkie [<mailto:Salkie.Diane@epamail.epa.gov>]

Sent: Thursday, December 22, 2011 3:07 PM

To: Hansen, Patrick (Philadelphia, PA-US)

Cc: John Prince; Mindy Pensak

Subject: Re: FW: Woodbrook Road, key revised SLERA text

Hello PJ

We would be happy to have a conference call with you about the PRG analysis but it looks like it will be after the holidays. We are going to need a few things from you to complete the review this document:

- A Table showing the back calculations used to produce Tables 7-2 and 7-3; also please include

- the formula used.
- It would be helpful to have Tables 6-13, 614 and 6-16 through 6-18 that are referred to on page 1 of the PRG analysis text.
- Finally, a figure demonstrating Western Pond and Western Dumping Area PRG exceedances.

Please let me know if you have any questions.

Happy Holidays,
Diane Salkie
Remedial Project Manager
EPA Region 2 NJRB
290 Broadway
New York, NY 10007
212-637-4370

From: "Hansen, Patrick (Philadelphia, PA-US)" <PHansen@trcsolutions.com>
To: Diane Salkie/R2/USEPA/US@EPA
Date: 12/20/2011 06:48 AM
Subject: FW: Woodbrook Road, key revised SLERA text

Morning Diane.

Would we be able to have a conference call with you and Mindy regarding our SLERA language before the holidays?
If we can concur, we'd like to get the SLERA completed.

Thanks!
PJ

From: Hansen, Patrick (Philadelphia, PA-US)
Sent: Friday, December 09, 2011 3:05 PM
To: Heim, Scott (Lowell,MA-US); 'Salkie.Diane@epamail.epa.gov'; Pensak.Mindy@epamail.epa.gov
Cc: Prince.John@epamail.epa.gov
Subject: Woodbrook Road, key revised SLERA text

Afternoon folks,

Thanks again for the SLERA comments, and the useful discussions that followed.

TRC has performed the ecological PRG analysis. We wanted to send along the PRG writeup (Scott please forward the appropriate tables as well), and recommendations that came from the PRG development. We recognize that including the PRGs in the SLERA is a unique approach, utilized to expedite the project, and felt that providing the EPA a look at this "key" text was the best way to communicate and finalize the SLERA in a timely fashion.

Please review and let us know your thoughts. We'd be happy to have a conference call, once you have had a chance to review.

Regards,

PJ

Patrick J. Hansen, PE
Vice President

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(866) 411-4EPA (4372). The TDD number is (866) 489-4900.

***** ATTACHMENT NOT DELIVERED *****

[attachment "draft key SLERA PRGs and Recommendations woodbrook road.docx" deleted
by Diane Salkie/R2/USEPA/US] [attachment "WesternPond_RemediationAreas.pdf"
deleted by John Prince/R2/USEPA/US] [attachment "WesternDump_RemediationAreas.pdf"
deleted by John Prince/R2/USEPA/US] [attachment "SLERAtable6-13_revised.xls"
deleted by John Prince/R2/USEPA/US] [attachment "SLERAtable6-14_revised.xls"
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